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350 Cambridge Ave, Suite 250  
Palo Alto, CA 94306-1550  
TEL 650.330.2310  
FAX 650.330.2314

WWW.MPSL.COM

**MOSER  
PATTERSON &  
SHERIDAN, LLP**  
ATTORNEYS AT LAW

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**DATE:** April 11, 2005  
**FILE NO:** AVAN/000238USA  
**TO:** Shi K. Li  
**FAX NO:** 703-872-9306  
**PHONE NO:**  
**COMPANY:** USPTO  
**FROM:** John C. Carey  
**PAGE(S) with cover:** 8  
**ORIGINAL TO FOLLOW?** ☐ YES ☒ NO

### RESPONSE TO OFFICE ACTION MAILED ON JANUARY 10, 2005

**TITLE:** ALL-OPTICAL HIGH BIT-RATE MULTIPLEXER  
**U.S. SERIAL NO.:** 10/067,933  
**FILING DATE:** 02/08/2002  
**INVENTOR:** Patrick Brindel  
**EXAMINER:** Shi K. Li  
**GROUP ART UNIT:** 2633  
**CONFIRMATION NO.:** 6540

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:  
Patrick Brindel

Serial No.: 10/067,933

Confirmation No.: 6540

Filed: 02/08/2002

For: All-Optical High Bit-Rate  
Multiplexer§  
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Group Art Unit: 2633

Examiner: Li, Shi K.

Customer No.: 47389

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450CERTIFICATE OF FACSIMILE TRANSMISSION  
37 CFR 1.8

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4/11/05  
Date

John C. Carey

## RESPONSE TO OFFICE ACTION MAILED ON JANUARY 10, 2005

Dear Sir:

In response to the Office Action mailed on January 10, 2005, please enter this response and consider the amended claims in the application for reasons discussed below. Although Applicant believes that no additional fees are due in connection with this response, the Commissioner is hereby authorized to charge counsel's Deposit Account No. 20-0782/AVAN/000238USA/JC for any fees, including extension of time fees or excess claim fees, required to make this response timely and acceptable to the Office.

**Amendments** to the claims begin on page 2 of this paper. **Remarks** begin on page 5 of this paper.